

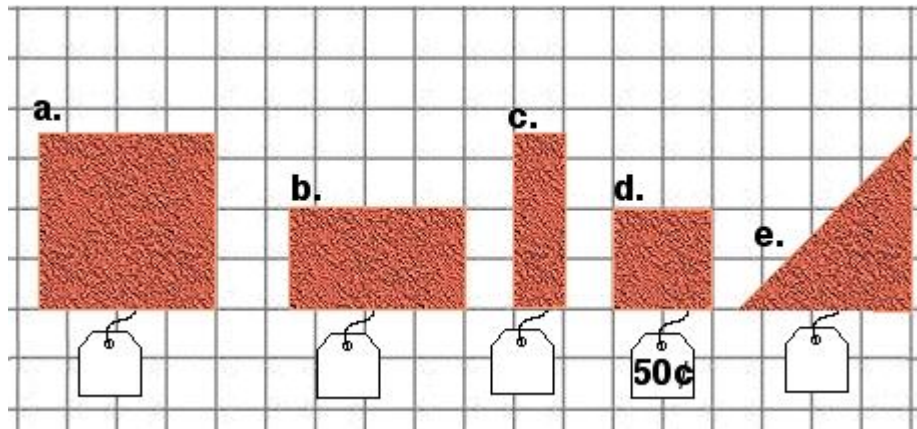
Name: \_\_\_\_\_ Class: \_\_\_\_\_ Due Date: \_\_\_\_\_

When solving the following problem, be sure to:

- 1) Restate the question
- 2) State your answer in a complete sentence.
- 3) List facts and important information
- 4) Explain your solution strategy and include your calculations/work.

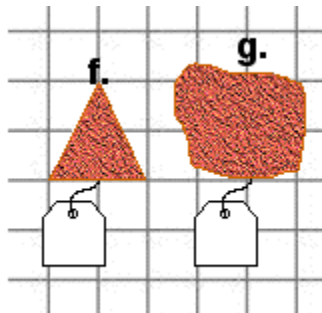
### ***POW Cork Costs***

In the figure below the square piece of cork (d.) costs 50 cents.



If the other pieces shown have the same thickness as piece (d.), what are reasonable prices to pay for each of them?

**Extra:** Consider the same information for these two pieces of cork. What are reasonable prices to pay for each of them?



Please answer the problem on a separate piece of paper. You must include all your calculations and an explanation of how you got your answer. Your paper will be scored in the following way:

- 4 The answer and the bonus are correct, you have included all your calculations, and the explanation is thorough and understandable.
- 3 The answer is correct, you have included all your calculations, and the explanation is complete and clear to the reader.
- 2 The answer is missing one of the items mentioned above.
- 1 The answer is incorrect, and the explanation or calculations are poor or missing.
- 0 Minimal or no effort was made to solve the problem.
- All late work is marked down a grade.